

L4 ANSWER 2 OF 3 CAPLUS COPYRIGHT 2007 ACS on STN

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TITLE: Preparation of 3,3'-diallyl-4,4'-dihydroxydiphenyl sulfone as color developer for thermal recording materials

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PATENT ASSIGNEE(S): Nikka Chemical Industry Co., Ltd., Japan

SOURCE: Jpn. Kokai Tokkyo Koho, 9 pp.

CODEN: JKXXAF

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PATENT INFORMATION:

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OTHER SOURCE(S): CASREACT 136:118267

AB Title compound (I), which is free from impurities causing fog, is prepared by thermal rearrangement of 4,4'-diallyloxydiphenyl sulfone (II) containing ≤50 weight ppm (as NaOH) alkalis in the presence of 0.01-1 weight% amines and/or antioxidants. II (alkali content 5 ppm) was heated in Diana Fresia W 8-kerosene mixture in the presence of N,N-dimethylaniline and hydroquinone monomethyl ether at 205-210° for 7 h, treated with activated C, and recrystd. from dichloroethane to give I with 97.1% purity and indan derivative content 0.2%.

IT 41481-66-7P, 3,3'-Diallyl-4,4'-dihydroxydiphenyl sulfone

RL: IMF (Industrial manufacture); SPN (Synthetic preparation); PREP (Preparation)

(preparation of diallyldihydroxydiphenyl sulfone as color developer for thermal recording materials)

RN 41481-66-7 CAPLUS

CN Phenol, 4,4'-sulfonylbis[2-(2-propen-1-yl)- (CA INDEX NAME)

